	Application No.	Applicant(s)
Notice of Allowability	09/758,815	MARSH ET AL.
	Examiner	Art Unit
	Charles R Craver	2682

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *AMDT received 10-18-04*.

2. ☒ The allowed claim(s) is/are *1,3-6,8-10 and 15-86*.

3. ☒ The drawings filed on *11 January 2001* are accepted by the Examiner.

4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a) ☐ All   b) ☐ Some*   c) ☐ None of the:

      1. ☐ Certified copies of the priority documents have been received.

      2. ☐ Certified copies of the priority documents have been received in Application No. _____ .

      3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

    * Certified copies not received: _____ .

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. **THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.

    (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached

      1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____ .

    (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____ .

    Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)

2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)

3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____

4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

5. ☐ Notice of Informal Patent Application (PTO-152)

6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____ .

7. ☒ Examiner's Amendment/Comment

8. ☒ Examiner's Statement of Reasons for Allowance

9. ☐ Other _____ .

EXAMINER'S AMENDMENT

1.   An examiner's amendment to the record appears below. Should the changes and/or

additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR

1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the

payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with

Glenn Brown on 9/5/06.

The application has been amended as follows:

Claim 31 should be amended as follows starting at line 4:

"a <u>computer readable</u> memory <u>encoded with</u> [comprising] software, wherein the memory

is communicatively coupled to the storage unit; and

a processor, communicatively couple to the storage unit and <u>the computer readable</u>

memory, [configured by] <u>executing the</u> software to:"

Conclusion

Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Matthew D. Anderson whose telephone number is (703) 306-

5931. The examiner can normally be reached on Monday-Friday, 2nd Fridays off.

The fax phone numbers for the organization where this application or proceeding is

assigned are (703) 746-7239 for regular communications and (703) 746-7238 for After Final

communications.

Any inquiry of a general nature or relating to the status of this application or proceeding

should be directed to the receptionist whose telephone number is (703) 305-3900.

Matthew D. Anderson
September 5, 2006

DETAILED ACTION

Allowable Subject Matter

Claims 1, 3-6, 8-10 and 15-86 are allowed.

The following is an examiner's statement of reasons for allowance:

Claim 1 teaches towards a method comprising receiving call detail data associated with a subscriber of a telecommunication service under a current rate plan; processing the call detail data to produce a calling profile record summarizing call usage information of the subscriber, wherein the calling profile record contains less data than the call detail data and is organized with parameters comprising where calls are made and received, when calls are made and received, and what times of calls are made and received, analyzing the parameters of the calling profile record in relation to the current rate analyzing the parameters of the calling profile record in relation to a plurality of other rate plans of a plurality of telecommunication service providers; determining at least one proposed rate plan that would save the subscriber telecommunication costs relative to the current rate plan; and producing a report of the at least one proposed rate plan to enable selection of a best an alternative telecommunication service provider and rate plan wherein the where calls are made and received parameter is defined by a home category or a roam category wherein the when calls are made and received parameter is defined by peak, off-peak or weekend categories; and wherein the what types of calls are made and received parameter is defined by local, intrastate toll or interstate toll categories.

Claim 23 teaches towards a system comprising means for receiving call detail data associated with a subscriber of a telecommunication service under a current rate plan; means for processing the call detail data to produce a calling profile record in a size-reduced format summarizing the call usage history of the subscriber, wherein the calling profile record is organized with parameters comprising where calls are made and received, when calls are made and received and what types of calls are made and received, the means for processing being communicatively coupled to the means for receiving means for analyzing the parameters of the calling profile record in relation to the current rate plan and a plurality of other rate plans of a plurality of telecommunication service providers, the means for analyzing being communicatively coupled to the means for processing and the means for receiving; means for determining at least one proposed rate plan that would save the subscriber telecommunication costs relative to the current rate plan, the means for determining being communicatively coupled to the means for analyzing, the means for processing, and the means for receiving, and means for producing a report of the at least one proposed rate plan to enable selection of an alternative telecommunication service provider and a-best rate plan, the means for producing being communicatively coupled to the means for determining, the means for analyzing, the means for processing, and the means for receiving.

Claim 29 teaches towards a system comprising a transceiver configured to receive call detail data associated with a subscriber of a telecommunication service under a current rate plan and a storage unit configured to store the call detail data,

wherein the storage unit is communicatively coupled to the transceiver; a memory

comprising software, wherein the memory is communicatively coupled to the transceiver

and the storage unit; and a processor, communicatively coupled to the transceiver,

storage unit, and memory, configured by the software to process the call detail data to

produce a calling profile record having a reduced data size with respect to the call detail

data, the calling profile record summarizing the call usage information of the subscriber,

wherein the calling profile record is organized with parameters comprising where calls

are made and received, when calls are made and received, and what types of calls are

made and received; analyze the parameters of the calling profile record in relation to the

current rate plan and a plurality of other rate plans offered by a plurality of

telecommunication service providers; determine whether or not one or more other rate

plans that would save the subscriber telecommunication costs relative to the current

rate plan; and produce the report to enable selection of a best telecommunication

service provider and a best rate plan wherein the transceiver is further configured to

transmit the report.

Claim 30 teaches towards a computer readable medium having a computer

program stored thereon, the computer readable medium comprising logic configured to

receive call detail data associated with a subscriber of a telecommunication service

under a current rate plan; logic configured to store the call detail data; logic configured

to process the call detail data to produce a calling profile record having a data format

that is simpler to process than the call detail data, wherein the calling profile record

defines the call usage information of the subscriber and is organized with parameters

comprising where calls are made and received, when calls are made and received, and what types of calls are made and received; logic configured to analyze the parameters of the calling profile record in relation to the current rate plan and a plurality of other rate plans logic configured to determine at least one proposed rate plan that would save the subscriber telecommunication costs relative to the current rate plan; and logic configured to produce a report of the at least one proposed rate plan to enable selection of an alternative rate plan.

Claim 31 teaches towards a system comprising a storage unit configured to store call detail data associated with a subscriber of a telecommunication service under a current rate plan; a memory comprising software, wherein the memory is communicatively coupled to the storage unit; and a processor, communicatively coupled to the storage unit and memory, configured by the software to process the call detail data to produce organized, size-reduced data in a calling profile record, wherein the calling profile record comprises parameters that define the call usage history of the subscriber, each parameter selected from the group consisting of where calls are made and received, when calls are made and received, and what types of calls are made and received; analyze the calling profile record in relation to the current rate plan and a plurality of other available rate plans, compare the cost of the current rate plan with the plurality of other available rate plans to determine at least one proposed rate plan that would save the subscriber telecommunication costs relative to the current rate plan; and produce a report of the at least one proposed rate plan to enable selection of an alternative rate plan.

Claims 3-6, 8-10, 15-22, 24-28 and 32-86 are allowed based on dependence on allowable claims above.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any response to this action should be mailed to:

Commissioner of Patents and Trademarks

Washington, D.C. 20231

Or faxed to:

(703) 872-9306 for both formal and informal/draft communications, labeled as such.

Hand delivered responses should be brought to Crystal Plaza II, 200

South 20th St, Arlington VA, first floor (receptionist).

Any inquiry concerning this or earlier communications from the examiner should be directed to examiner Charles Craver at (703) 305-3965.

If attempts to reach the examiner are unsuccessful, the examiner's supervisor, Vivian Chin, can be reached at (703) 308-6739.

Any inquiry of a general nature or relating to the status of this application should be directed to the Group receptionist at (703) 305-4700.

CC

C.Craver

March 21, 2005

4/3/06